

## EAST Search History

| Ref # | Hits | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--|------------------|---------|------------------|
| L1    | 13   | (US-20040218787-\$ or US-20040169734-\$).did. or (US-6999604-\$ or US-5930379-\$ or US-5586202-\$ or US-7113544-\$ or US-5956424-\$ or US-4924305-\$ or US-5911008-\$ or US-5640200-\$ or US-6452972-\$ or US-6442203-\$ or US-6788818-\$).did. | US-PGPUB; USPAT                                    | OR               | ON      | 2007/03/03 19:32 |
| L2    | 6    | histogram and 1   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/03/03 19:32 |
| L3    | 0    | logarithmic and 1   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/03/03 19:42 |
| L4    | 0    | log and 1   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/03/03 19:44 |
| L5    | 2558 | motion near pixel   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/03/03 19:44 |
| L6    | 211  | L5 near (detect\$3 find\$3)   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/03/03 20:40 |
| L7    | 14   | logarithmic and L6  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/03/03 19:46 |

## EAST Search History

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| L8  | 1   | background near (differenc\$3 subtract\$3) near logarithmic\$4                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/03 19:47 |
| L9  | 964 | background same (differenc\$3 subtract\$3) same (logarithmic\$4 log)                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/03 20:37 |
| L10 | 4   | background near (differenc\$3 subtract\$3) near (logarithmic\$4 log)                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/03 21:37 |
| L11 | 1   | (background near image) same ((differenc\$3 subtract\$3) near (logarithmic\$4 log)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/03 19:53 |
| L12 | 14  | (background near image) same ((differenc\$3 subtract\$3) same (logarithmic\$4 log)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/03 19:53 |
| L13 | 18  | ("4503461"   "5210688"   "5297550"   "5351305").PN. OR ("5768405").URPN.            | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2007/03/03 20:35 |
| L14 | 160 | background same image same (differenc\$3 subtract\$3) same (logarithmic\$4 log)     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/03 20:37 |
| L16 | 90  | 14 and (motion movement moving)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/03 20:38 |
| L17 | 6   | 14 and ((motion movement moving) near pixel)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/03 20:39 |

## EAST Search History

|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| L18 | 5     | 14 and ((motion) near pixel)                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/03 20:39 |
| L19 | 2     | 14 and 6  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/03 20:40 |
| L20 | 35143 | motion near (detect\$3 find\$3)                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/03 20:40 |
| L21 | 3     | 14 and 20   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/03 20:42 |
| L22 | 4     | "4437161".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/03 20:58 |
| L23 | 8     | 08/772595   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/03 21:37 |
| L24 | 1158  | 382/254.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/03 21:37 |
| L25 | 1815  | (differenc\$3 subtract\$3) near<br>(logarithmic\$4 log) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/03 21:40 |

## EAST Search History

|     |       |                                    |   |    |    |                  |
|-----|-------|------------------------------------|---|----|----|------------------|
| L26 | 5     | 24 and 25                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/03 21:39 |
| L27 | 71398 | (motion movement) near (detect\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/03 21:40 |
| L28 | 53    | 24 and 27                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/03 21:40 |
| L29 | 9     | (logarithmic\$4 log) and 28        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/03 21:40 |
| S1  | 1     | 10/777181                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/02 14:49 |
| S2  | 659   | 382/107.ccls.                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/02 14:49 |
| S3  | 633   | 382/270.ccls.                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/02 14:49 |
| S4  | 1231  | 382/274.ccls.                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/02 14:49 |

## EAST Search History

|     |        |  |   |    |    |                  |
|-----|--------|--|---|----|----|------------------|
| S5  | 27422  | (illuminat\$3 light\$3) near<br>(compensat\$3 adjust\$3)                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/02 15:41 |
| S6  | 216692 | (moving movement motion\$3) same<br>differen\$5 same (frame image)                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/02 15:42 |
| S7  | 194    | S5 same S6   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/02 15:42 |
| S8  | 2487   | S2 S3 S4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/02 15:42 |
| S9  | 2558   | motion near pixel  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/02 16:06 |
| S10 | 211    | S9 near (detect\$3 find\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/02 16:07 |
| S11 | 7      | S10 and S8   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/02 16:07 |
| S12 | 4      | (US-20040218787-\$).did. or<br>(US-6999604-\$ or US-5930379-\$ or<br>US-5586202-\$).did. | US-PGPUB;<br>USPAT  | OR | ON | 2007/03/02 16:09 |
| S13 | 3      | S12 and ((binary binar\$6)<br>(threshold\$3))  | US-PGPUB;<br>USPAT  | OR | ON | 2007/03/02 17:39 |
| S14 | 9      | (difference near image) same<br>(count\$3 sum\$5) same (absolute<br>near pixel)          | US-PGPUB;<br>USPAT  | OR | ON | 2007/03/02 17:55 |

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|     |    |  |                              |    |    |                  |
|-----|----|--|------------------------------|----|----|------------------|
| S15 | 6  | ("4924305"   "5668609"   "6421090"   "6442203"   "6452972"   "6459734").PN. OR ("7113544").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/03/02 17:43 |
| S16 | 39 | ("3651252"   "4161750"   "4257063"   "4342987"   "4364030"   "4679077"   "4847485"   "4903009"   "4939359"   "4949074"   "4952911"   "4967183"   "5091780"   "5101194"   "5253070"   "5283551"   "5289275"   "5305390"   "5398057"   "5422981"   "5517429"   "5576972").PN. OR ("5956424").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/03/02 17:45 |
| S17 | 13 | (US-20040218787-\$ or US-20040169734-\$).did. or (US-6999604-\$ or US-5930379-\$ or US-5586202-\$ or US-7113544-\$ or US-5956424-\$ or US-5911008-\$ or US-5640200-\$ or US-6452972-\$ or US-6442203-\$ or US-4924305-\$ or US-6788818-\$).did.  | US-PGPUB;<br>USPAT           | OR | ON | 2007/03/02 17:55 |
| S18 | 13 | ((difference near image) (count\$3 sum\$5 accumlat\$3) (absolute near pixel) threshold\$3) and S17   | US-PGPUB;<br>USPAT           | OR | ON | 2007/03/02 19:22 |
| S19 | 12 | ((difference near image) and (count\$3 sum\$5 accumlat\$3) and (absolute near pixel) threshold\$3) and S17   | US-PGPUB;<br>USPAT           | OR | ON | 2007/03/02 19:25 |
| S20 | 5  | (difference near image) and (count\$3 sum\$5 accumlat\$3) and (absolute near pixel) and threshold\$3 and S17   | US-PGPUB;<br>USPAT           | OR | ON | 2007/03/02 19:29 |
| S21 | 6  | (difference near image) and (count\$3 sum\$5 accumlat\$3) and absolute and pixel and threshold\$3 and S17  | US-PGPUB;<br>USPAT           | OR | ON | 2007/03/02 19:29 |
| S22 | 39 | ("3651252"   "4161750"   "4257063"   "4342987"   "4364030"   "4679077"   "4847485"   "4903009"   "4939359"   "4949074"   "4952911"   "4967183"   "5091780"   "5101194"   "5253070"   "5283551"   "5289275"   "5305390"   "5398057"   "5422981"   "5517429"   "5576972").PN. OR ("5956424").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/03/02 20:06 |